

FIG. 1

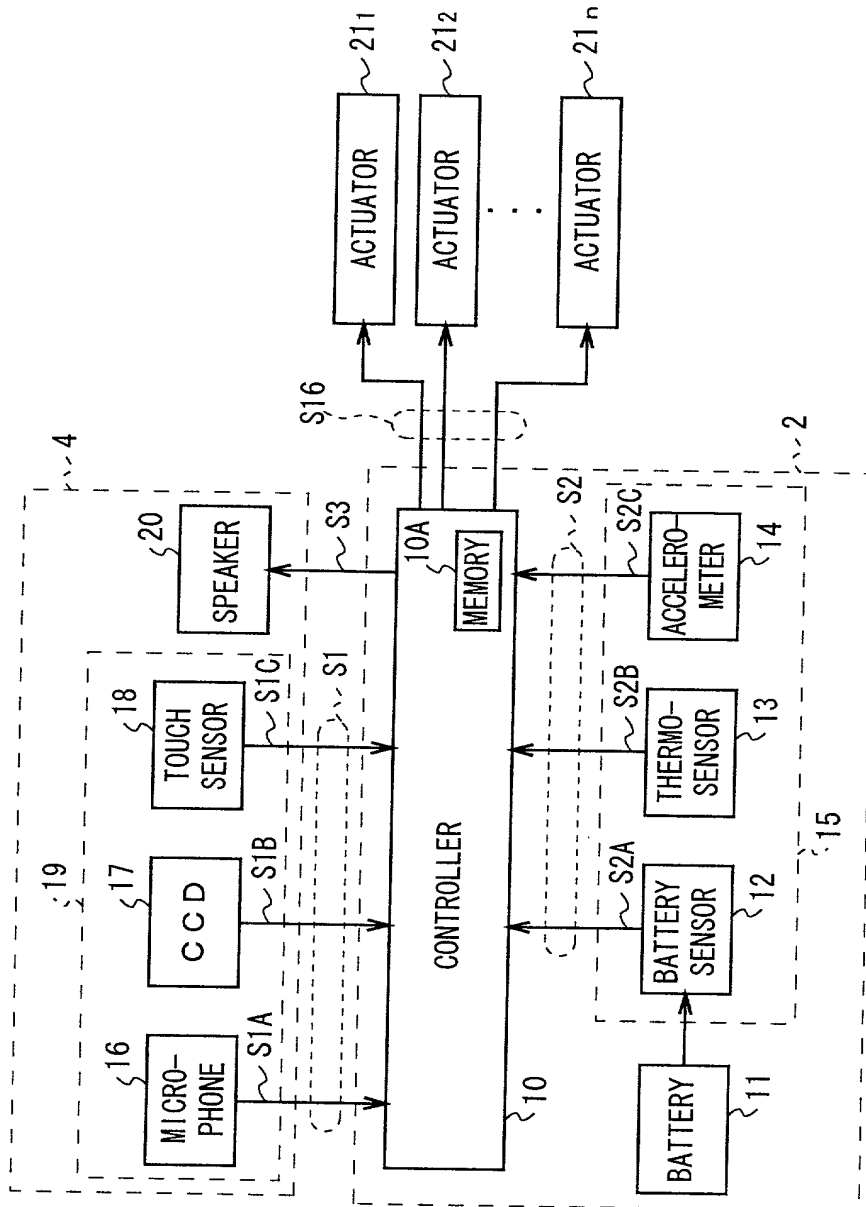


FIG. 2

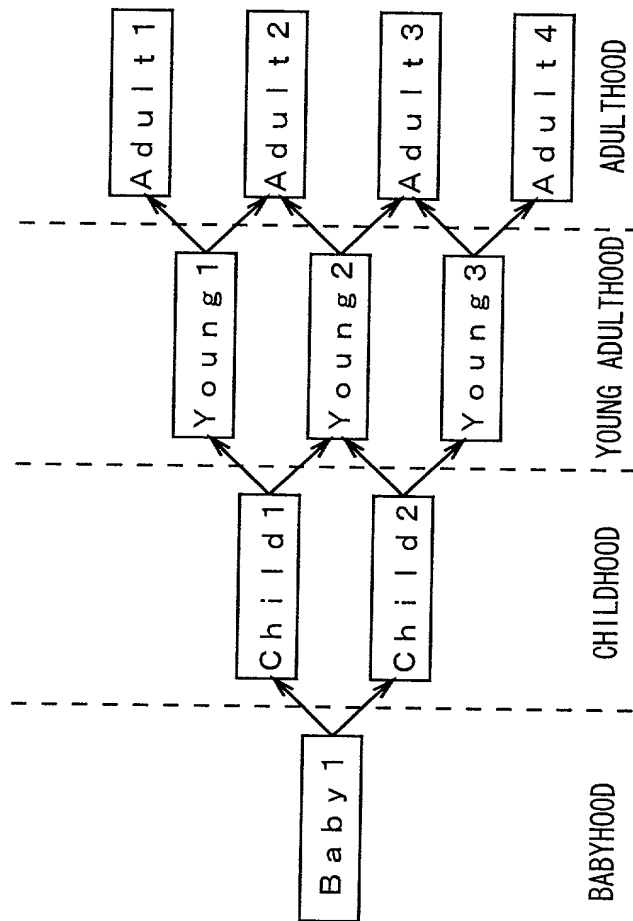


FIG. 3

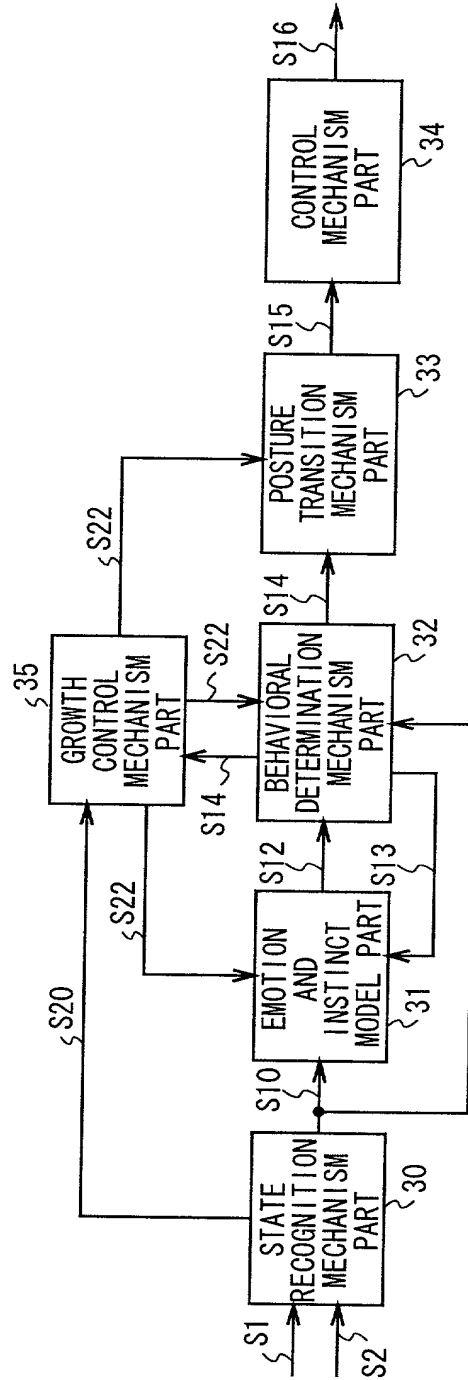


FIG. 4

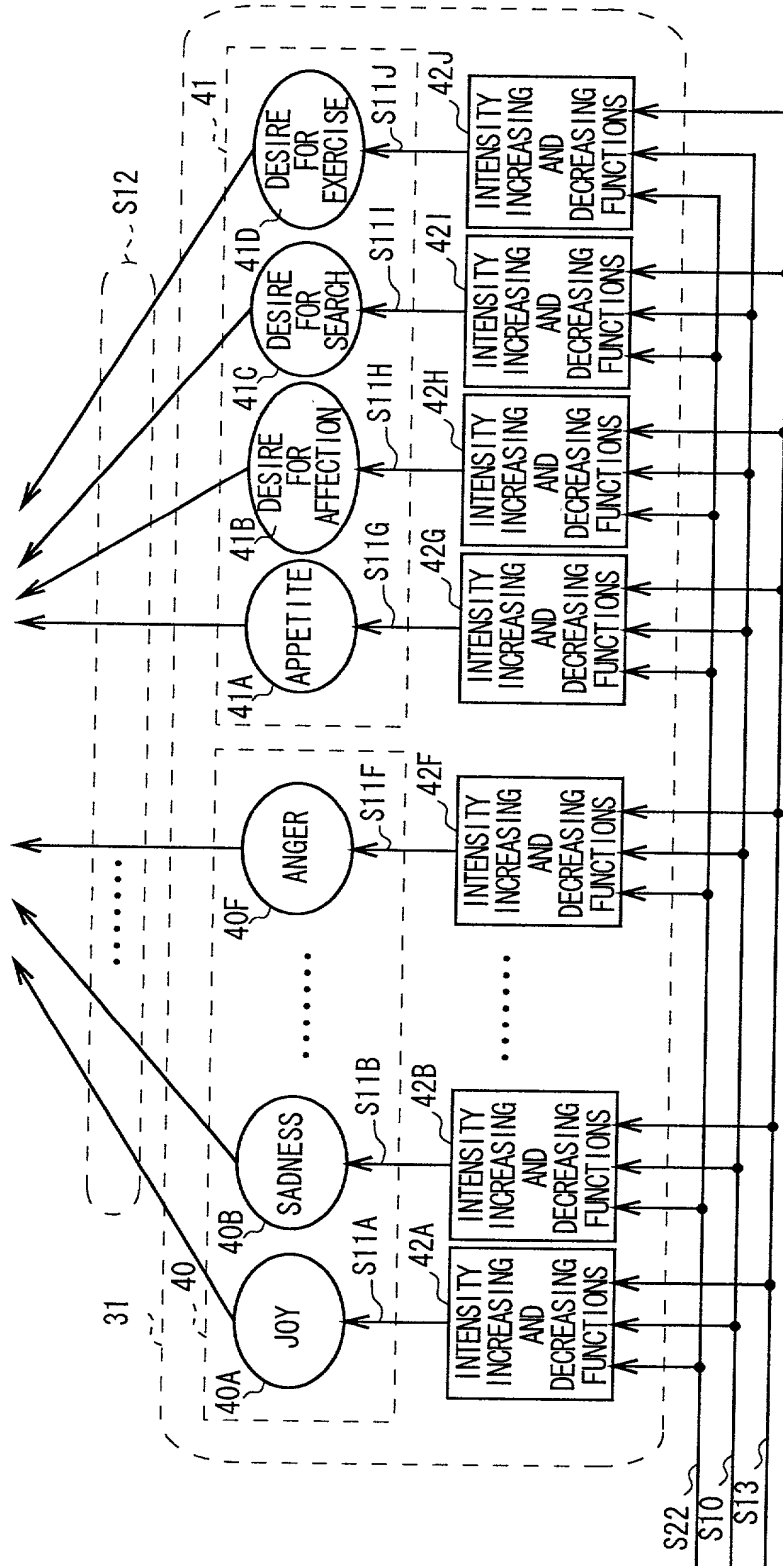


FIG. 5

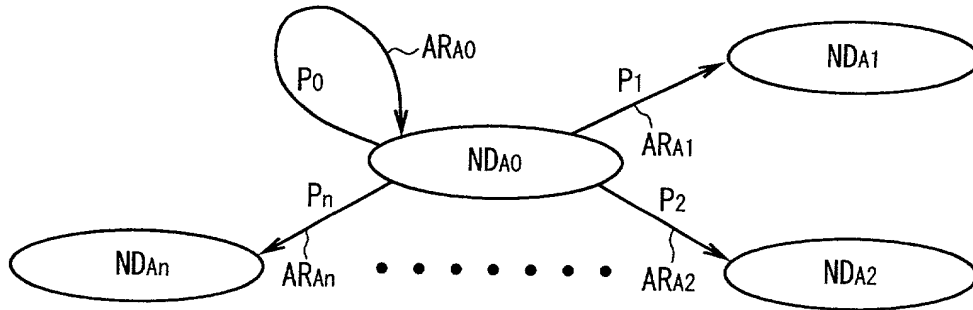


FIG. 6

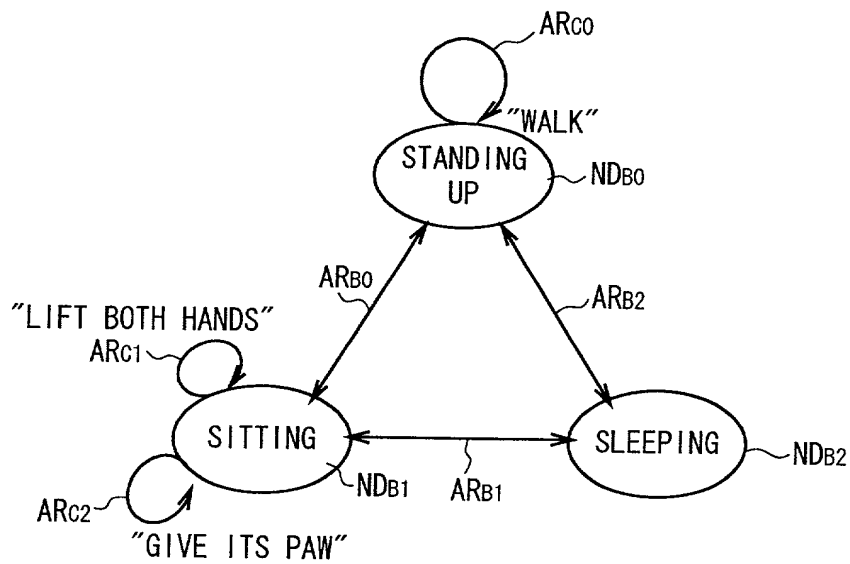


FIG. 8

NODE TRANSITED TO OUTPUT ACTION	INPUT EVENT NAMES		DATA NAMES		DATA EXTENTS		TRANSITION PROBABILITIES TO ANOTHER NODE			
							A	B	C	D
node 100							node 120	node 120	node 1000	n
							ACTION 1	ACTION 2	MOVE BACK	node 600
1	BALL	SIZE	0, 1000				30%			ACTION 4
2	PAT							40%		
3	HIT							20%		
4	MOTION								50%	
5	OBSTACLE	DISTANCE	0, 100						100%	
6		JOY	50, 100							
7		SUPRISE	50, 100							
8		SADNESS	50, 100							

FIG. 7

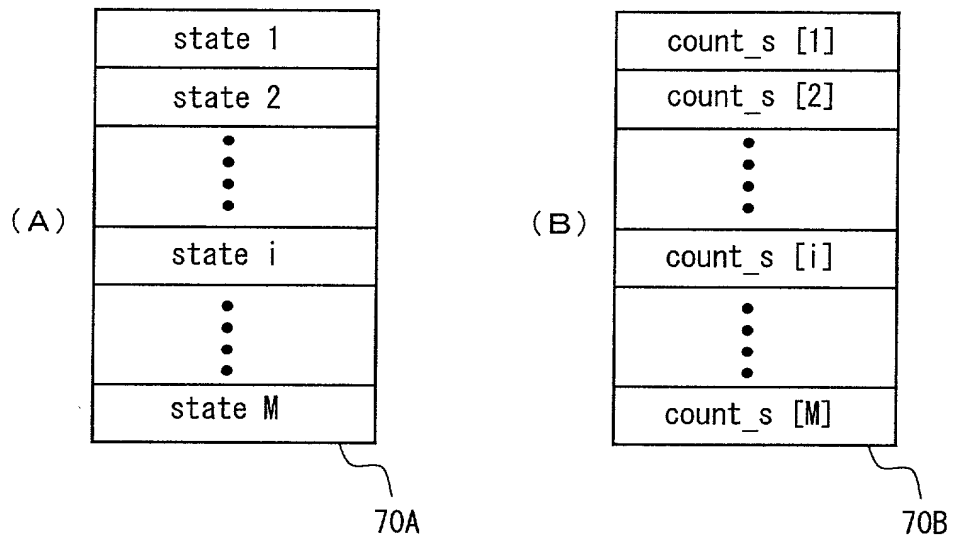


FIG. 9

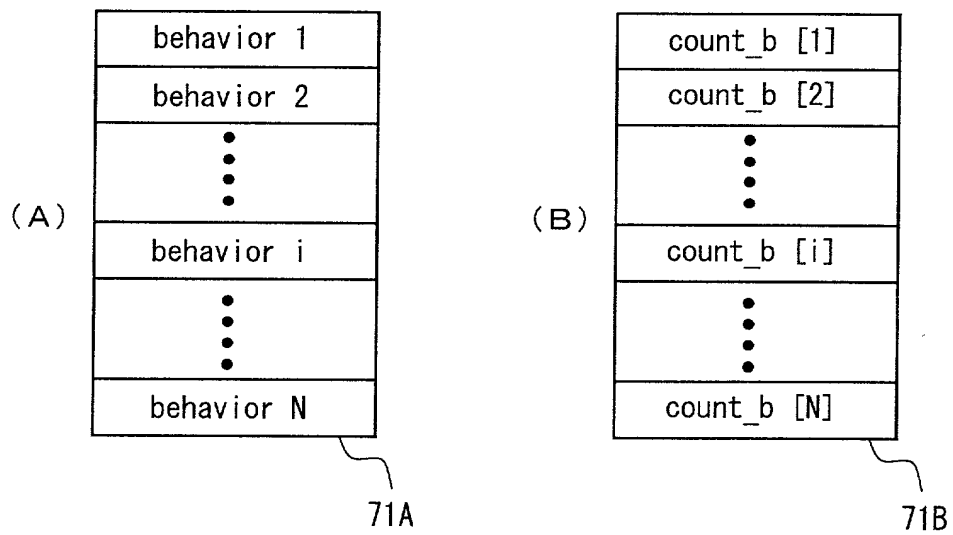


FIG. 10

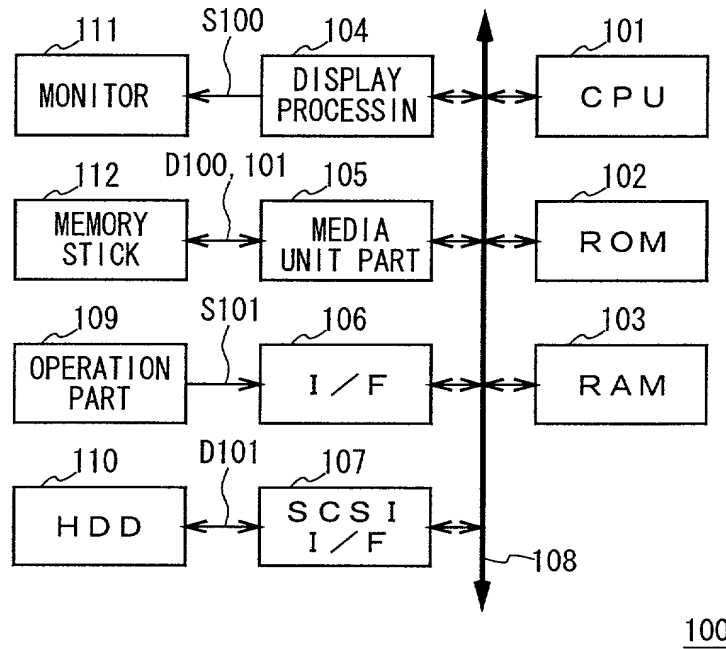


FIG. 11

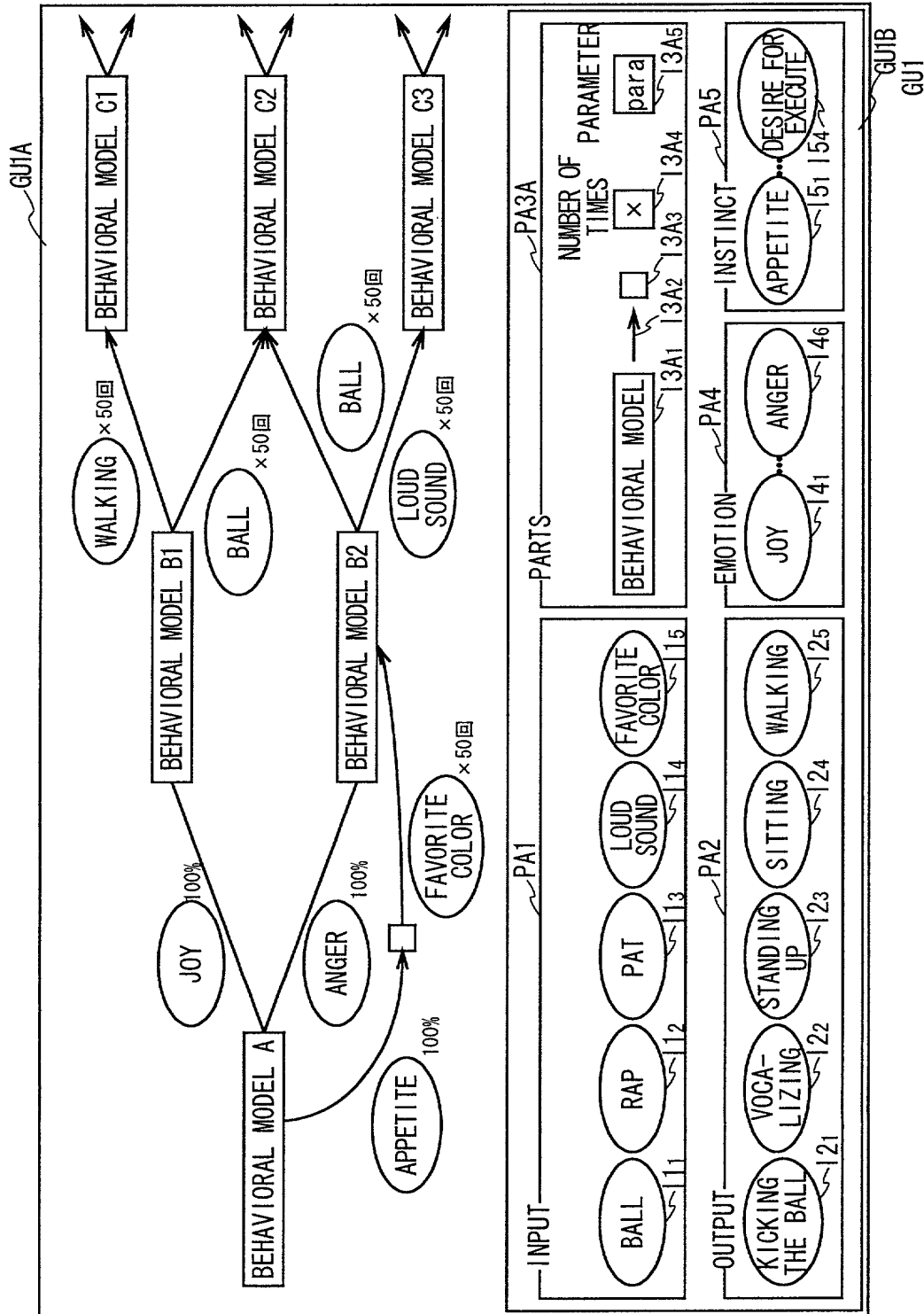
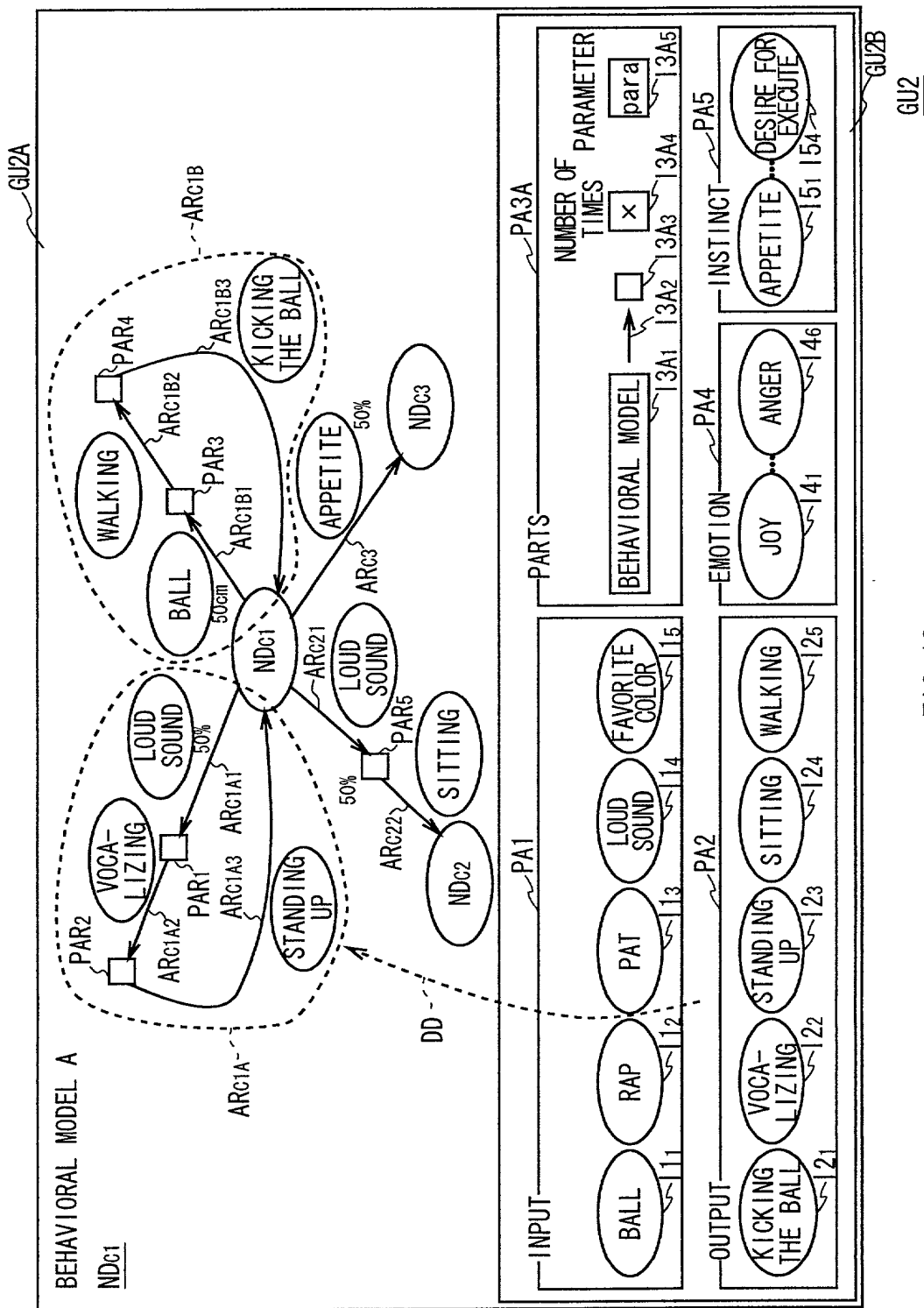


FIG. 12



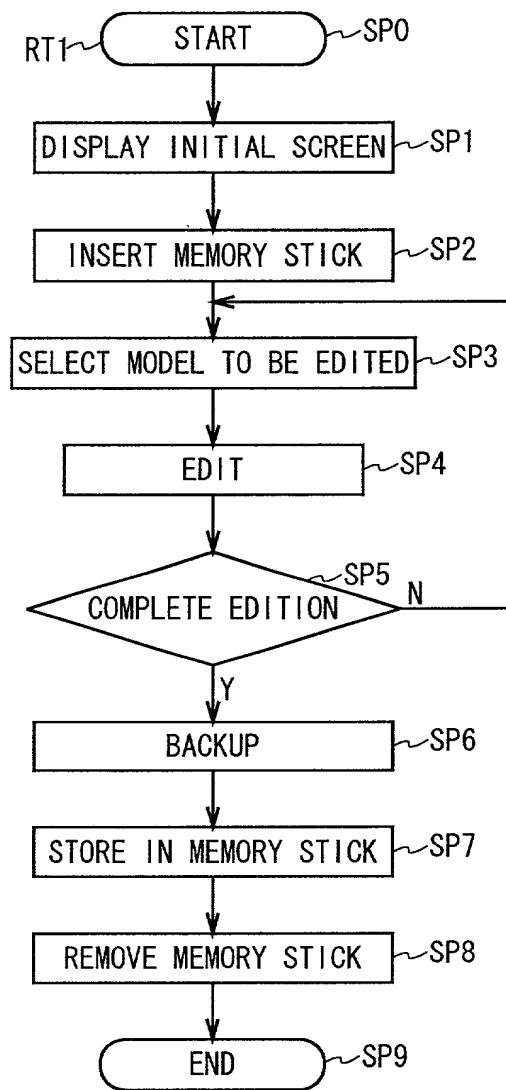


FIG. 14

Explanation of Reference Numerals

1 ... pet robot, 10 ... controller, 10A ... memory, 15 ... internal sensor part, 19 ... external sensor part, 21₁ - 21_n ... actuator, 30 ... state recognition mechanism part, 31 ... emotion and instinct model part, 32 ... behavioral determination mechanism part, 33 ... posture transition mechanism part, 34 ... control mechanism part, 35 ... growth control mechanism part, 60 - 63 ... directed graph, 70A, 70B ... growth element list, 70B, 71B ... growth element counter tables, 100... editing apparatus, 101 ... CPU, 102 ... ROM, 103 ... RAM, 104 ... display processing circuit, 105 ... media unit, 112 ... memory stick, S1 ... external information signal, S2 ... internal information signal, S10, S20 ... state recognition information, S14 ... behavioral determination information, S22 ... change command information, S100 ... video signal, S101 ... command, D100 ... various information, S101 ... editing data, GU1 ... growth model edit screen, GU2 ... behavioral model edit screen, RT1 ... editing procedure.